

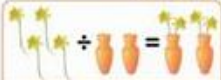

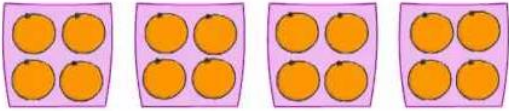
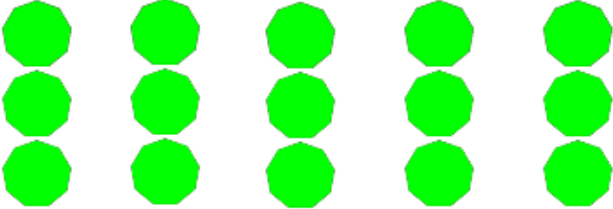
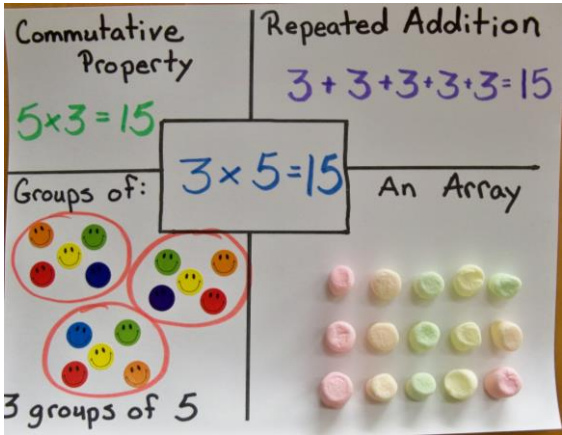
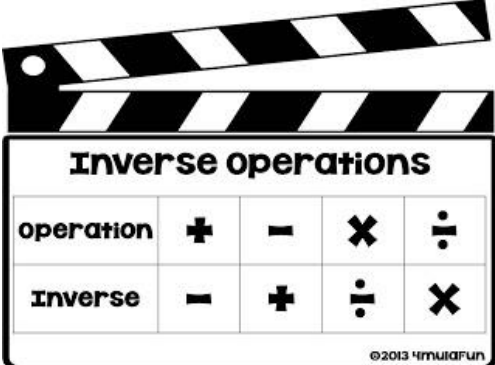


## Knowledge Organiser for Year 2 Maths- Multiplication and Division

Key Vocabulary	Meaning	Example
Multiplication	Multiplying one number by another (times, lots of, multiplied by, product of)	
Array	A visual representation of multiplication	 <p style="text-align: center;"><math>4 \times 6 = 24</math>      <math>6 \times 4 = 24</math></p>
Division	Sharing or grouping a number into equal parts ( Share, divide, groups of, how many in)	<div style="text-align: center;"> <h3>division</h3> <p>If we have six strawberries to share between two children, how many strawberries will each child get?</p>  <p><b>6</b> ÷ <b>2</b> = <b>3</b>  <small>six divided by two equals three</small></p> <p>The answer is three because each plate has three strawberries.</p> <p>More examples of division.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p><math>4 \div 2 = 2</math></p> </div> <div style="text-align: center;">  <p><math>12 \div 4 = 3</math></p> </div> </div> </div>

Share	Divide a number or a number of objects equally into a number of piles.	<p style="text-align: center;"><b>DIVISION BY SHARING</b></p> <p><i>Examples</i></p> <p>(a) Divide these 16 oranges equally between 4 families.</p> <p style="text-align: center;">Each family gets 4 oranges.</p> 															
Group	Place objects in groups of a certain number.																
Commutative	The concept of addition and multiplication can be done in any order but subtraction and division cannot.																
Inverse	Reversing the effect of another operation.	 <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="5" style="text-align: center;">Inverse operations</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">operation</td> <td style="text-align: center;">+</td> <td style="text-align: center;">-</td> <td style="text-align: center;">×</td> <td style="text-align: center;">÷</td> </tr> <tr> <td style="text-align: center;">Inverse</td> <td style="text-align: center;">-</td> <td style="text-align: center;">+</td> <td style="text-align: center;">÷</td> <td style="text-align: center;">×</td> </tr> </tbody> </table> <p style="text-align: right; font-size: small;">©2013 4mulaFun</p>	Inverse operations					operation	+	-	×	÷	Inverse	-	+	÷	×
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